

NEBRASKA WEATHER & CROPS

Run 1700
9-30-91



For Week Ending September 29, 1991

Issue: 29-91

Phone: (402) 437-5541

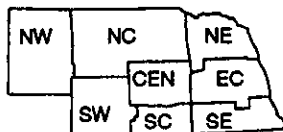
P.O. Box 81069

Released: 9/30/91 - 3:00 p.m.

Location: 273 Federal Bldg.

Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources-UNL

WEATHER

The week was relatively mild and dry. Temperatures averaged near normals across the State, from four degrees below in the northeast to one degree above in the northwest. Only light amounts of precipitation averaging less than a tenth of an inch occurred throughout the State.

GENERAL

Fall maturing crops were harvested at a quicker than normal pace, according to the Nebraska Agricultural Statistics Service, due to the killing frost and ideal fall harvest conditions. Some producers have found some frost damage to late planted soybeans and other full season crops not fully mature. Dry bean harvest continued active in the West and sugar beet harvest was underway. Other farm activities included winter wheat planting and livestock care.

CROPS

Corn condition was rated at 4% very poor, 5% poor, 29% fair, 55% good, and 7% excellent. Harvest of corn for grain was in full swing in all areas except the Panhandle and the Southwest District. Overall, 29% has been harvested to date, about ten days ahead of the 5-year average. Some producers are awaiting corn to field dry to avoid the necessity and cost of afterharvest artificial drying. Also, in areas where corn borers have damaged crops, concern is expressed for the possibility of stalk breakage and ear droppage.

CROPS (Cont.)

Soybean condition was rated at 5% very poor, 17% poor, 51% fair, 24% good, and 3% excellent. Harvest made good progress and was about a week ahead of average at 38% complete. Some producers have slowed their rate of harvesting due to the high moisture content of their soybeans coming out of the field.

Sorghum condition was rated at 21% very poor, 11% poor, 35% fair, 30% good, and 3% excellent. Grain harvesting progressed to 35% complete, about ten days ahead of the average. Reported yields have ranged from poor to excellent.

Wheat seeding made very good progress last week with 87% sown to date. This was ahead of last year and the average. Concerns are still focused on lack of soil moisture for germination and adequate rooting down before winter. Areas with "washing" rains have seen producers reseeding those acres.

LIVESTOCK

Pasture and range condition was rated at 68% of normal, an increase over the previous week. Rainfall received the previous week greened up some pastures and decreased the need for supplemental feeding on those pastures. Other areas with short pasture supplies are continuing to supplement cattle with hay and green chop. Producers are moving cattle onto stalk fields as soon as they become available for pasturing.

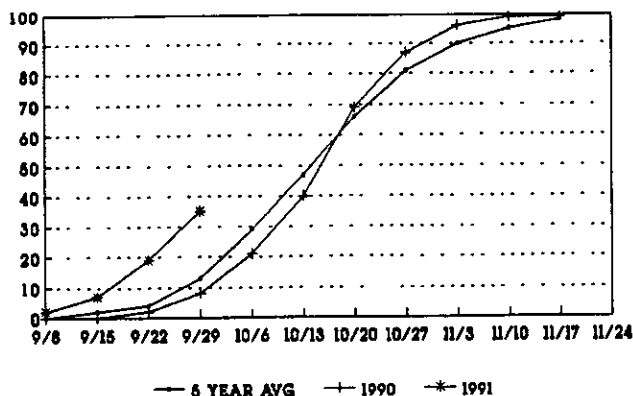
FIELD WORK PROGRESS AS OF SEPTEMBER 29, 1991	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn mature	90	100	99	100	99	98	100	100	99	91	89	90
% corn harvested	10	30	25	22	34	11	26	64	29	14	14	13
% sorghum mature	89	91	96	100	97	91	94	98	96	91	77	83
% sorghum harvested	0	21	32	17	32	5	15	51	35	19	8	13
% soybeans dropping leaves	0	96	100	100	100	98	100	100	100	84	86	84
% soybeans harvested	0	31	33	28	39	22	37	47	38	13	21	17
% wheat sown	98	100	100	72	75	97	96	50	87	59	81	83
% wheat emerged	77	77	32	14	20	40	33	5	43	18	40	51
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 27, 1991												
Days suitable	7.0	7.0	6.9	6.9	6.9	7.0	7.0	6.9	6.9	6.4	6.9	
Topsoil moisture - Short	60	82	81	73	96	50	86	100	81	62	87	
(Percent) - Adequate	40	18	19	27	4	50	14	0	19	38	13	
- Surplus	0	0	0	0	0	0	0	0	0	0	0	
Subsoil moisture - Short	67	73	86	73	100	42	86	100	82	86	78	
(Percent) - Adequate	33	27	14	27	0	58	14	0	18	14	22	
- Surplus	0	0	0	0	0	0	0	0	0	0	0	

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS
P.O. Box 81069
Lincoln, NE 68501

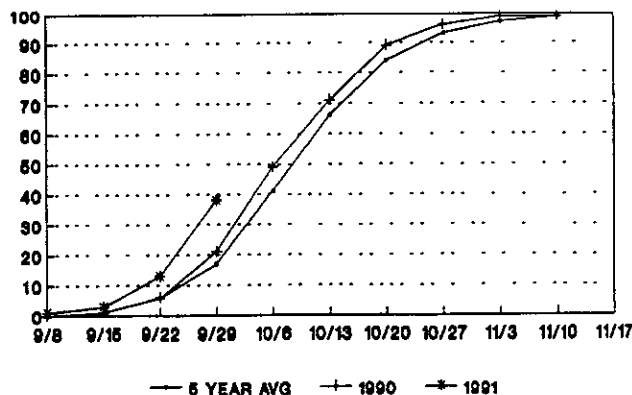
Second Class Postage
Paid at
Lincoln, Nebraska

NEBRASKA -- SORGHUM HARVESTED



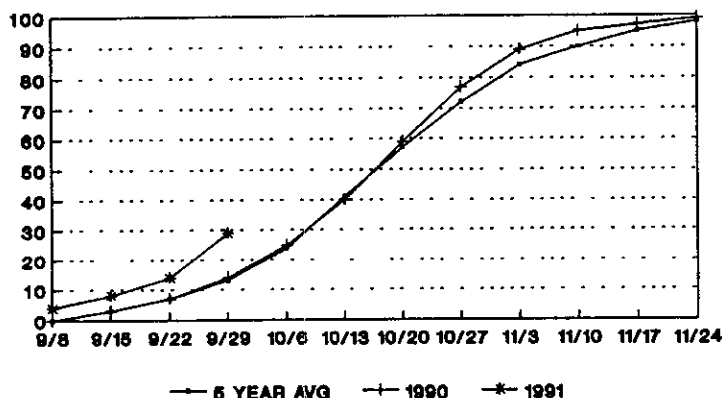
PROGRESS AS OF SUNDAY

NEBRASKA -- SOYBEANS HARVESTED



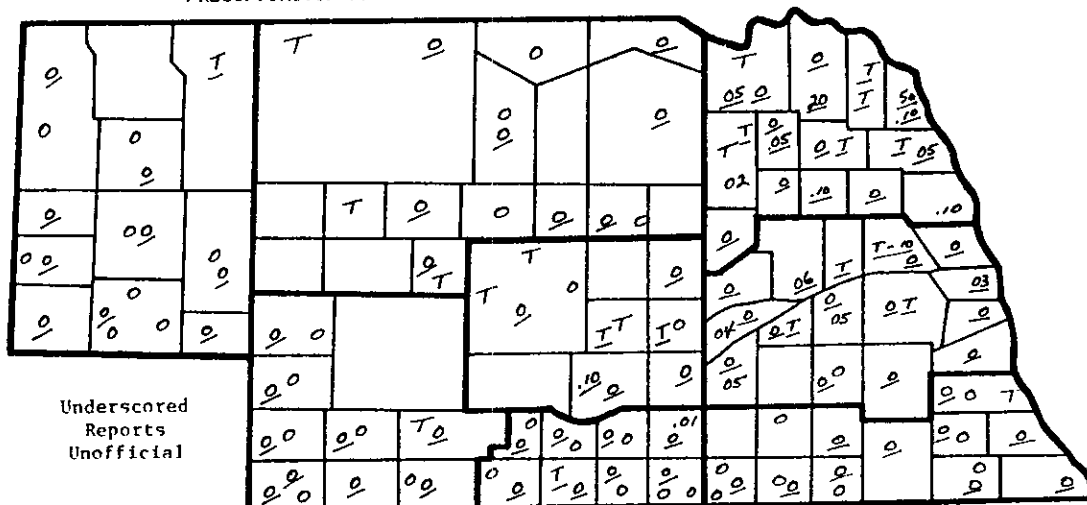
PROGRESS AS OF SUNDAY

NEBRASKA -- CORN HARVESTED



PROGRESS AS OF SUNDAY

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 27, 1991



	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	00	.00	.03	.00	.04	.00	.01	.00
Total since April 1	13.85	15.40	17.76	15.14	19.02	15.73	15.96	15.18
Normal since April 1	13.04	16.22	18.98	17.73	20.72	14.79	18.13	21.97
Total as % of normal	106%	95%	94%	85%	92%	106%	88%	69%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 29, 1991

WEEK ENDING SUNDAY, SEPTEMBER 29, 1951									
Station		Temperature			Precipitation	Growing Degree Data Since April 15			
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	87	34	60	---	0	---	---	---
	Scottsbluff	89	30	59	+1	05	2605	2694	2692
	Sidney	85	33	59	---	0	2536	2635	2644
NC	Valentine	95	30	57	-1	T	2750	2825	2716
NE	Norfolk	91	32	58	-2	05	---	---	---
	Sioux City	87	34	57	-4	09	---	---	---
	Concord	---	---	---	---	---	2905	2978	2995
CEN	Elgin	---	---	---	---	---	2941	3022	2921
	West Point*	---	---	---	---	---	3050	3130	3063
	Grand Island	90	35	60	-1	06	3142	3231	3073
	Ord	91	30	57	---	0	2966	3058	3031
	Lincoln	89	36	59	-3	T	3345	3435	3200
EC	Omaha	87	40	59	-2	03	3282	3353	3062
	Columbus	---	---	---	---	---	3267	3344	3130
	York	---	---	---	---	---	3212	3298	3241
SW	Imperial	88	35	59	---	0	---	---	---
	North Platte	91	33	58	0	T	**2762	**2855	**2900
SC	Holdrege	---	---	---	---	---	3020	3120	3146
SE	Beatrice	---	---	---	---	---	3281	3384	3226
	Clay Center	---	---	---	---	---	3099	3198	3192

1/ Precipitation totals not included in map above. * Automated weather station ** North Platte Experiment Station

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.